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(71) Applicants (for all designated States except US): THE UNIVERSITY OF MELBOURNE [AU/AU]; Royal Parade, Parkville, VIC 3052 (AU). CSL LIMITED [AU/AU]; 45 Poplar Road, Parkville, VIC 3052 (AU). VICTORIAN DAIRY INDUSTRY ASSOCIATION [AU/AU]; 651-653 Victoria Street, Abbotsford, VIC 3067 (AU).		
(72) Inventors; and (75) Inventors/Applicants (for US only): O'BRIEN-SIMPSON, Neil, Martin [AU/AU]; 7/10 South Audley Street, Brunswick, VIC 3056 (AU). REYNOLDS, Eric, Charles [AU/AU]; 104 Hill Road, North Balwyn, VIC 3104 (AU).		
(74) Agent: F B RICE & CO.; 139 Rathdowne Street, Carlton, VIC 3053 (AU).		

(54) Title: SYNTHETIC PEPTIDES CONTAINING PROTECTIVE EPITOPES FOR THE TREATMENT AND PREVENTION OF PERIODONTITIS ASSOCIATED WITH PORPHYROMONAS GINGIVALIS

## (57) Abstract

This invention relates to a peptide selected from the group: FLLDADHNITFGSVIPATGPLFTGTASS LYSANFESLIPANADPVVT-IQNIIVTG LYSANFEYLIPANADPVVTQNIIVTG TNPEPASGKMWIAGDGGNQF RYDDFTFEAGKKYFTTMRRAGMGDGTDDYVFEAGKKYHFLLMKKMGSGDGE TNPEPASGKMWIAGDGGNQFARYDDFTFEAGKKYFTTMRRAGMGDGTDTNITFGSVIPATGPL PASGKMWIAGDG EAGKKYFTMRR EAGKKYHFLMKKM. It also relates to compositions and use of these peptides for treating and testing Porphyromonas gingivalis.